



FORM PTO-1449	ATTY. DKT NO. PN01017AA	SER. NO. 10/001,984
	APPLICANT O'Hare et al	
	FILING DATE December 5, 2001	GROUP 2611

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>R. Z</i>	AA	6,282,713B1	August 28, 2001	Kitsukawa et al	725/36	725/42
	AB	6,157,814	December 5, 2000	Hymel et al	455/31.1	455/31.2
	AC	5,848,397	December 8, 1998	Marsh et al	705/14	705/26
	AD	5,579,535	November 26, 1996	Orien et al	455/33.1	455/56.1
	AE	2001/0013013A1	August 9, 2001	Takenaga		
	AF	2001/0005845A1	June 28, 2001	Azuma		
<i>R. Z</i>	AG	5,910,797	June 8, 1999	Beuk	345,157	345/156

Publication DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AB	Jeff Merrill, "4X4 Hybrid Matrix Power Amplifier, Wireless Design & Development, 10-98"
EXAMINER	DATE CONSIDERED
<i>Meless Zewdu</i>	<i>4-2-04</i>

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
4208-4048Serial No.:
10/081,984Applicant:
Johan Himberg, et al.Filing Date:
November 13, 2001Group Art Unit:
2685

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
A. Z	5,081,707	01/14/92	Schorman et al.			
A. Z	5,159,315	10/27/92	Schultz et al.			

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FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

A. Z	PCT International Search Report, International Application No. PCT/IB02/04701, Date of Completion of Search - February 28, 2003, Sheet 1, Continuation of First Sheet and Sheet 2.
Examiner	Date Considered
Meless Zelwdu	4-2-04
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	